

ABSTRACT OF THE DISCLOSURE

An intermediate anchor having a wedge hole is placed at a concrete construction joint. A sheathed tendon is inserted through the intermediate anchor.

5 Following setting of concrete poured on a bearing side of the concrete construction joint, the sheathing of the tendon is cut circumferentially around the tendon in a wedge hole of the tendon. The sheathed tendon is then tensioned. This tensioning creates an exposed portion of the tendon in the wedge hole. A tension holding wedge is placed in the wedge hole so as to grip the exposed portion to hold the tension. Seals on the bearing side and a stressing side of the concrete construction joint seals the exposed portion.